

CONTINUOUS INFUSIONS & LOADING DOSES			Flow rate = <u>Prescribed Dose x Default Rate (mL/hour)</u> Default Start Dose		
ALL CLINICAL AREAS (excluding		<u>, , , , , , , , , , , , , , , , , , , </u>			
Drug	Weight Band	Standard Concentration	Default Dose and Rate Calculator All Weights in kg - rounding can occur		
		Infusion (SCI)	Default dose on pump	Default rate (mL/hr)	
Adrenaline	All ≤5kg	1mg/50mL	0.05 microgram/kg/min	0.15 x Wt	
	>5 - ≤10kg	3mg/50mL		0.05 x Wt	
	All >10kg	6mg/50mL		0.025 x Wt	
Adrenaline Peripheral	All ≤10kg	1mg/50mL	0.05 microgram/kg/min	0.15 x Wt	
For emergency use pending central access	All >10kg	3mg/50mL		0.05 x Wt	
		sultant Paediatric Haematolo			
Alteplase Load	≤2.5kg	0.2mg/mL	0.1 mg/kg	VTBI (mL) = 0.5 x Wt	
Weight-based	>2.5 - ≤5kg >5 - ≤10kg	0.5mg/mL	over 10 mins	VTBI (mL) = 0.2 x Wt	
> 20kg also offered non-weight hand entire helew	All >10kg	1mg/mL 2mg/mL		VTBI (mL) = 0.1 x Wt VTBI (mL) = 0.05 x Wt	
>20kg also offered non weight-based option below ariable volume; use the same solution for load and continuo	us	in NaCl 0.9%w/v ONLY	1	V 1BI (IIIL) = 0.03 X VVI	
anable volume, use the same solution for load and continuo	infusion	III INDOI 0.370W/V CINET			
Alteplase Infusion	≤2.5kg	0.2mg/mL	0.1 mg/kg/hour	0.5 x Wt	
Weight-based	>2.5 - ≤5kg	0.5mg/mL		0.2 x Wt	
	>5 - ≤10kg	1mg/mL		0.1 x Wt	
>20kg also offered non weight-based option below	All >10kg	2mg/mL	1	0.05 x Wt	
		in NaCl 0.9%w/v ONLY			
Alteplase Load	>20kg	2mg/mL	10 mg	VTBI = 5mL	
NON weight-based	ONLY	(variable volume)	over 10 mins		
se the same solution for load and continuous infusion	>00l	Ome or local	15	7 Empl //	
Alteplase Infusion	>20kg	2mg/mL	15 mg/hour	7.5mL/hour	
NON weight-based	ONLY	(variable volume)			
Aminophylline Load CVAD	All <10kg	250mg/ 25 mL	5 mg/kg	VTBI (mL) = 0.5 x Wt	
Animophymine Load OVAD	10 - 20kg	500mg/50mL	over 30mins	VTBI (mL) = 0.5 x Wt	
	>20kg	1000mg/50mL	Over comme	VTBI (mL) = 0.25 x Wt	
se the same solution for load and maintenance infusion	- 20kg			V. Z. (z)	
Aminophylline Maintenance CVAD	All ≤10kg	250mg/ 25 mL	0.5 mg/kg/hour	0.05 x Wt	
	>10 - ≤20kg	500mg/50mL		0.05 x Wt	
	>20kg	1000mg/50mL		0.025 x Wt	
Aminophylline Load Peripheral	≤2.5kg	50mg/50mL ONLY	5 mg/kg	VTBI (mL) = 5 x Wt	
	All >2.5kg	50mg/50mL or	over 30mins		
		500mg/500mL			
se the same solution for load and maintenance infusion					
Aminophylline Maintenance Peripheral	≤ 2.5kg	50mg/50mL ONLY	0.5 mg/kg/hour	0.5 x Wt	
	All >2.5kg	50mg/50mL or			
		500mg/500mL			
Amiodarone Load CVAD	All ≤5kg	50mg/50mL	5 mg/kg	VTBI (mL) = 5 x Wt	
Weight-based	>5 - ≤10kg	150mg/50mL	over 1 hour	VTBI (mL) = 1.67 x Wt	
weight-based	>10 - ≤20kg	300mg/50mL	over i neur	VTBI (mL) = 0.83 x Wt	
>60kg also offered non weight-based option below	>20kg	600mg/50mL		VTBI (mL) = 0.42 x Wt	
se the same solution for load and maintenance infusion	209	in Glucose 5%w/v ONLY	1		
Amiodarone Maintenance CVAD	All ≤5kg	50mg/50mL	5 microgram/kg/min	0.3 x Wt	
Weight-based	>5 - ≤10kg	150mg/50mL		0.1 x Wt	
	>10 - ≤20kg	300mg/50mL		0.05 x Wt	
>60kg also offered non weight-based option below	>20kg	600mg/50mL		0.025 x Wt	
		in Glucose 5%w/v ONLY			
Amiodarone Load CVAD (300mg Dose)	>20kg	600mg/50mL	300 mg	VTBI = 25mL	
NON weight-based (Pts >60kg)	ONLY	in Glucose 5%w/v ONLY	over 1 hour		
			I	1	
se the same solution for load and maintenance infusion	. 621	600	FO	4.0 - 10 - 4.1	
se the same solution for load and maintenance infusion Amiodarone Maintenance <u>CVAD</u>	>20kg	600mg/50mL	50 mg/hr	4.2ml/hr for 1 hour	
se the same solution for load and maintenance infusion	>20kg ONLY	600mg/50mL in Glucose 5%w/v ONLY	(if load given, reduce to	4.2ml/hr for 1 hour (3.33ml/hr at 40mg/hr)	
se the same solution for load and maintenance infusion Amiodarone Maintenance <u>CVAD</u>				1	
se the same solution for load and maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg)	ONLŸ	in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours)	(3.33ml/hr at 40mg/hr)	
se the same solution for load and maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral	ONLY All ≤ 10kg	in Glucose 5%w/v ONLY 50mg/50mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt	
Amiodarone Maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based	ONLŸ	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL	(if load given, reduce to 40mg/hr for next 23 hours)	(3.33ml/hr at 40mg/hr)	
Amiodarone Load Peripheral Weight-based Weight-based option below	ONLY All ≤ 10kg	in Glucose 5%w/v ONLY 50mg/50mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt	
Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion	ONLY All ≤ 10kg > 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt	
Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral	ONLY All ≤ 10kg > 10kg All ≤ 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt	
Amiodarone Load Peripheral Weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based	ONLY All ≤ 10kg > 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt	
Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral	ONLY All ≤ 10kg > 10kg All ≤ 10kg All ≤ 10kg > 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt	
Amiodarone Load Peripheral Weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based	ONLY All ≤ 10kg > 10kg All ≤ 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt	
Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based >60kg also offered non weight-based option below	ONLY All ≤ 10kg > 10kg All ≤ 10kg All ≤ 10kg > 10kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour 5 microgram/kg/min	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt 0.3 x Wt 0.25 x Wt	
Amiodarone Maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based >60kg also offered non weight-based option below Amiodarone Maintenance Peripheral Weight-based >60kg also offered non weight-based option below	ONLY All ≤ 10kg > 10kg All ≤ 10kg All ≤ 10kg > 20kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 300mg/250mL in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour 5 microgram/kg/min	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt 0.3 x Wt 0.25 x Wt	
Amiodarone Maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below se the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based >60kg also offered non weight-based option below Amiodarone Load Peripheral (300mg dose) NON weight-based (Pts >60kg)	ONLY All ≤ 10kg > 10kg All ≤ 10kg All ≤ 10kg > 20kg	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 300mg/250mL in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour 5 microgram/kg/min	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt 0.3 x Wt 0.25 x Wt	
Amiodarone Maintenance infusion Amiodarone Maintenance CVAD NON weight-based (Pts >60kg) Amiodarone Load Peripheral Weight-based >60kg also offered non weight-based option below see the same solution for load and maintenance infusion Amiodarone Maintenance Peripheral Weight-based >60kg also offered non weight-based option below Amiodarone Maintenance Queipheral Weight-based >60kg also offered non weight-based option below Amiodarone Load Peripheral (300mg dose) NON weight-based (Pts >60kg) see the same solution for load and maintenance infusion	ONLY All ≤ 10kg > 10kg All ≤ 10kg > 10kg ONLY	in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 50mg/50mL 300mg/250mL in Glucose 5%w/v ONLY 300mg/250mL in Glucose 5%w/v ONLY	(if load given, reduce to 40mg/hr for next 23 hours) 5 mg/kg over 1 hour 5 microgram/kg/min 300 mg over 1 hour	(3.33ml/hr at 40mg/hr) VTBI (mL) = 5 x Wt VTBI (mL) = 4.2 x Wt 0.3 x Wt 0.25 x Wt VTBI = 250mL	



ALL CLINICAL AREAS (excludi	& LOADING DOSES ng CHI PICUs and Theatres)		Flow rate = <u>Prescribed Dose x Default Rate (mL/hour</u> Default Start Dose	
Drug	Weight Band	Standard Concentration	Default Dose and	Rate Calculator
Diag	Weight Band	Infusion (SCI)	All Weights in kg - re	ounding can occur
			Default dose on pump	Default rate (mL/hr)
Arginine Load	All	5g/50mL (Perfusor) or	250 mg/kg	VTBI (mL) = 2.5 x Wt
		100mg/mL (Infusomat)		
e the same solution for load and maintenance infusion		in Glucose 10%w/v ONLY		
Arginine Maintenance	All	5g/50mL (Perfusor) or	200 mg/kg/24hours	0.083 x Wt
		100mg/mL (Infusomat)		
		in Glucose 10%w/v ONLY		
Atracurium Infusion	All ≤5kg	40mg/ 20 mL	300 microgram/kg/hr	0.15 x Wt
Adduction indoion	All >5kg	10mg/mL (Neat)	ooo miorogramingim	0.03 x Wt
	, and one	(variable volume)		0.00 X VII
		(variable velarile)		
Calcium Gluconate CVAD Continuous	All	0.225mmol/mL (Neat)	0.5 mmol/kg/24hrs	0.092xWt
Weight-based	/	(variable volume)	5-10kg weight band only:	
-			1 mmol/kg/24hrs	5-10kg only: 0.184 x V
Calcium Gluconate CVAD Continuous	>20kg	0.225mmol/mL (Neat)	8.8 mmol/24hrs	1.62mL/hr
(8.8mmol/24hr)	ONLY	(variable volume)		
NON weight-based (Pts >20kg)		,		
Calcium Gluconate Peripheral Continuous	All	0. 0 45mmol/mL	0.5 mmol/kg/24hrs	0.462xWt
Weight-based	1	(variable volume)	5-10kg weight band only:	
		,	1mmol/kg/24hrs	5-10kg only: 0.925 x V
Calcium Gluconate Peripheral Continuous	>20kg	0. 0 45mmol/mL	8.8 mmol/24hrs	8.14mL/hr
(8.8mmol/24hr)	ONLY	(variable volume)		
NON weight-based (Pts >20kg)				
Clonidine Continuous	All ≤5kg	150microgram/50mL	0.5 microgram/kg/hr	0.167 x Wt
CVAD (ideally)	>5 - ≤10kg	300microgram/50mL	0.200	0.084 x Wt
`` · · · ·	>10 - ≤20kg	600microgram/50mL		0.042 x Wt
	>20kg	1200microgram/50mL		0.021 x Wt
Dexmedetomidine Load	All	200mcg/50mL	1 microgram/kg	VTBI (mL) = 0.25 x Wt
			over 20min	` ,
e the same solution for load and maintenance infusion				
Dexmedetomidine Maintenance	All	200mcg/50mL	0.5 microgram/kg/hr	0.125 x Wt
Dinoprostone	All ≤10kg	50microgram/50mL	5 nanogram/kg/min	0.3 x Wt
		in Glucose 5%w/v ONLY	3	
Dobutamine	≤2.5kg	75mg/50mL	5 microgram/kg/min	0.2 x Wt
CVAD (ideally)	>2.5 - ≤10kg	150mg/50mL	3	0.1 x Wt
(All >10kg	250mg/50mL CVAD only		0.06 x Wt
Dopamine CVAD	≤2.5kg	75mg/50mL	5 microgram/kg/min	0.2 x Wt
	>2.5 - ≤10kg	150mg/50mL		0.1 x Wt
	All >10kg	250mg/50mL		0.06 x Wt
Dopamine Peripheral	All	75mg/50mL or	5 microgram/kg/min	0.2 x Wt
		1.5 mg/mL (variable volume)		
Epoprostenol	<10kg ONLY	20mcg/ 40 mL	2 nanogram/kg/min	0.24 x Wt
Caution: multiple concentrations available	All	80mcg/ 40 mL		0.06 x Wt
	All	500mcg/50mL		0.012 x Wt
	>10kg ONLY	2000mcg/50mL		0.003 x Wt
		Glycine diluent only		
Esmolol	All	10mg/mL (Neat)	50 microgram/kg/min	0.3 x Wt
CVAD (ideally)		OR 2500mg/ 250 mL	_	
Fentanyl	All ≤5kg	250mcg/50mL	1 microgram/kg/hr	0.2 x Wt
	>5 - ≤10kg	500mcg/50mL		0.1 x Wt
	>10 - ≤20kg	1000mcg/50mL		0.05 x Wt
	>20kg	2500mcg/50mL		0.02 x Wt
Flecainide Load	All ≤5kg	50mg/50mL	≤5kg: no default	≤5kg: Variable
	>5 - ≤10kg	50mg/50mL	>5kg: 2 mg/kg	VTBI (mL) = $2 \times Wt$
	>10 - ≤20kg	150mg/50mL		VTBI (mL) = 0.66 x W
	>20kg	250mg/50mL		VTBI (mL) = 0.4 x W
e the same solution for load and continuous infusion		in Glucose 5%w/v ONLY		
Flecainide Continuous	All ≤10kg	50mg/50mL	100 microgram/kg/hr	0.1 x Wt
	>10 - ≤20kg	150mg/50mL		0.033 x Wt
	>20kg	250mg/50mL		0.02 x Wt
		in Glucose 5%w/v ONLY		
Furosemide Continuous	All ≤10kg	50mg/50mL	0.125 mg/kg/hr	0.125 x Wt
	>10 - ≤20kg	100mg/50mL		0.0625 x Wt
	>20kg	500mg/50mL (Neat)		0.0125 x Wt
		in NaCl 0.9%w/v ONLY		
Glucagon	≤5kg	0.5mg/50mL	1 microgram/kg/hour	0.1 x Wt
CVAD (ideally)	>5 - ≤10kg	1mg/50mL		0.05 x Wt
	. 40 - 4001	2mg/50mL		0.025 x Wt
	>10 - ≤20kg	5mg/50mL		0.025 X VVI



CONTINUOUS INFUSIONS & LOADING DOSES ALL CLINICAL AREAS (excluding CHI PICUs and Theatres)		Flow rate = <u>Prescribed Dose x Default Rate (mL/hour)</u>		
` ,	<u>, </u>		Default Start Dose	
Drug	Weight Band	Standard Concentration	Default Dose and Rate Calculator	
		Infusion (SCI)	All Weights in kg - ro	
Glyceryl Trinitrate	All ≤5kg	20mg/50mL	Default dose on pump 1 microgram/kg/min	Default rate (mL/hr) 0.15 x Wt
CVAD only	All >5kg	50mg/50mL	i microgram/kg/min	0.15 x vvt 0.06 x Wt
OVAD Only	All -Oky	Surig/Surin	4 '	0.00 X VVI
Heparin Load	All ≤5kg	2,500units/50mL	75 units/kg	VTBI (mL) = 1.5 x Wt
Tropulin Loud	>5 - ≤20kg	10.000units/50mL	over 10mins	VTBI (mL) = 0.375 x Wt
	>20kg	25,000units/50mL	,	VTBI (mL) = 0.15 x Wt
Use the same solution for load and therapeutic infusion	1	20,000	4 '	1
Heparin (Therapy < 1yr)	All ≤5kg	2,500units/50mL	28 units/kg/hr	0.56 x Wt
Tiopaini (Thorap)	>5 - ≤20kg	10,000units/50mL	20 4.11.67.57	0.14 x Wt
	1	10,00001	4 '	1
Heparin (Therapy > 1yr)	>5 - ≤20kg	10,000units/50mL	20 units/kg/hr	0.1 x Wt
riopai (>20kg	25,000units/50mL	20 31113113111	0.04 x Wt
	Long	20,000011110/001112	4 '	1
Insulin	All ≤5kg	** 5 **units/50mL	≤5kg (5units/50mL):	≤5kg (5units/50mL):
Used for DKA and Hyperglycaemia	All works	in NaCl 0.9%w/v ONLY	0.01 units/kg/hr	0.1 x Wt
	Caution: 10-fold cond		0.0 r drindring	
	>5 -≤10kg	** 50 **units/50mL	 >5 - ≤10kg: no default; dose depe	ends on indication
	All >10kg	** 50 **units/50mL	>10kg: 10 delauk, dose depe	>10kg: 0.1 x Wt
	All Flong	in NaCl 0.9%w/v ONLY	- Toky. U. Fullus/kg/iii	1 Toky. O. 1 X VVI
Isoprenaline	≤2.5kg	0.2mg/ 10 mL	0.05 miorogram/kg/min	All: 0.15 x Wt
A CAMPANIA AND AND AND AND AND AND AND AND AND AN	>2.5kg >2.5 - ≤5kg	0.4mg/ 20 mL	0.05 microgram/kg/min	AII: U. 15 X VVI
Weight-based (Pts <20kg only)	>5 -≤20kg	1mg/50mL	4 '	ſ
All >5kg also offered non weight-based option below	70 -Seung	in Glucose 5%w/v ONLY	4 ,	ſ
as adult dose can be reached quickly	1	IN Glucose 370W/V CIVE	4 ,	1
Isoprenaline	All > Eleg	1mg/50mL	1 cuam/min	Qual flow
	All >5kg	in Glucose 5%w/v ONLY	1 microgram/min	3ml/hr
NON weight-based (Pts > 5kg)	1	In Glucose 5%W/V CIVE	1 ,	1
W-tomina	A 11 < 4 Ok a	FO		0.40 - 144
Ketamine	All ≤10kg	50mg/50mL	2 microgram/kg/min	0.12 x Wt
<u>CVAD</u> (ideally)	>10 - ≤20kg	100mg/50mL	4	0.06 x Wt
	>20kg	200mg/50mL	4 ,	0.03 x Wt
	40 El.a	FO == /FO mil	2 = 1 1 1 1 -	4
Labetalol	≤2.5kg	50mg/50mL	0.5 mg/kg/hr	0.5 x Wt
	All >2.5kg	50mg/50mL or	4 ,	1
	l	1mg/mL (variable vol.)	⁴	l
Lidocaine	All	5mg/mL	None	Variable
(Large volume neat solution may be given using 250ml empty bag)	1	(variable volume)	4 ,	ſ
	1	,	4 ,	1
Liothyronine	All	20microgram/20mL	0.05 microgram/kg/hr	0.05 x Wt
Weight-based	1	2011111-0	,	1
(Use bolus function to give loading dose)	1		4 ,	1
(Coo bolds lationer to g	1		4 ,	1
Liothyronine	>20kg	20microgram/ 20 mL	None	Variable
NON weight-based (Pts > 20kg)	ONLY	Zorriiorogramizami	1,455	Validate
(Use bolus function to give loading dose)	1		4 ,	1
(Use bolds fullotion to give loading 4000)	1		4 ,	1
Midazolam	≤2.5kg	10mg/50mL	1 microgram/kg/min	0.3 x Wt
Wildazolam	>2.5kg >2.5 - ≤5kg	25mg/50mL	1 Illiologianingmin	0.12 x Wt
	>5 - ≤20kg	50mg/50mL	4 ,	0.12 x vvt 0.06 x Wt
	>5 - \$20kg >20kg	100mg/50mL	4 ,	0.08 x Wt
	ZUNY	100Hg/50HL	4 ,	U.US X VVI
Milrinone Load	All ≤5kg	5mg/50mL	50 microgram/kg	VTBI (mL) = 0.5 x Wt
Milifitione Loau	All ≤5kg >5 - ≤10kg	10mg/50mL	over 30 mins	VTBI (mL) = 0.5 x VVt VTBI (mL) = 0.25 x Wt
	>5 - ≤10kg >10 - ≤20kg	10mg/50mL 20mg/50mL	Over 50 mins	VTBI (mL) = 0.25 x Wt VTBI (mL) = 0.125 x Wt
		ů .	4 ,	` ′
de la descripta pagas infusion	>20kg	50mg/50mL (Neat)	4 ,	VTBI (mL) = 0.05 x Wt
Use the same solution for load and maintenance infusion	All ZEVa	Frea/F0ml	J. T. Control of the land	0.2 × 10#
Milrinone Maintenance	All ≤5kg	5mg/50mL	0.5 microgram/kg/min	0.3 x Wt
	>5 - ≤10kg	10mg/50mL	4 ,	0.15 x Wt
	>10 - ≤20kg	20mg/50mL	4 ,	0.075 x Wt
	>20kg	50mg/50mL (Neat)	4 ,	0.03 x Wt
	12.51	0.5/50mal		0.1
Morphine	≤2.5kg	2.5mg/50mL	20microgram/kg/hr	0.4 x Wt
	>2.5 - ≤5kg	5mg/50mL	4 ,	0.2 x Wt
	>5 - ≤10kg	10mg/50mL	4 '	0.1 x Wt
	>10 - ≤20kg	20mg/50mL	4 '	0.05 x Wt
	>20kg	50mg/50mL	4 ,	0.02 x Wt
	l		4	l
Noradrenaline	All ≤5kg	1mg/50mL	0.05microgram/kg/min	0.15 x Wt
	>5 - ≤10kg	3mg/50mL	4 ,	0.05 x Wt
	All >10kg	6mg/50mL	4 ,	0.025 x Wt
)	1		<u> </u>	(



CONTINUOUS INFUSIONS & LOADING DOSES ALL CLINICAL AREAS (excluding CHI PICUs and Theatres)			Flow rate = Prescribed Dose x Default Rate (mL/hour		
			Default Start Dose Default Dose and Rate Calculator		
Drug	Weight Band	Standard Concentration Infusion (SCI)	All Weights in kg - rounding can occur		
			Default dose on pump	Default rate (mL/hr)	
Octreotide (dose = 1-3microgram/kg/hr)	All ≤5kg	150mcg/ 20 mL	1 microgram/kg/hr	0.133 x Wt	
(Suggested concentration for 1-3microgram/kg/hr)	>5 - ≤10kg	300mcg/ 20 mL		0.067 x Wt	
	All >10kg	500mcg/ 20 mL		0.04 x Wt	
Octor atide (descent A Coniena amana llevilles)	All <40l	in NaCl 0.9%w/v ONLY		0.04 144	
Octreotide (dose = 4-6microgram/kg/hr)	All ≤10kg >10 - ≤20kg	500mcg/ 20 mL 1000mcg/ 20 mL	1 microgram/kg/hr	0.04 x Wt 0.02 x Wt	
(Suggested concentration for 4-6microgram/kg/hr)	>10 - <u>\$20kg</u> >20kg	2000mcg/ 20 mL		0.02 x Wt	
	- 20kg	in NaCl 0.9%w/v ONLY		0.01 X VV	
Octreotide (dose = 7-12microgram/kg/hr)	All ≤10kg	1000mcg/ 20 mL	1 microgram/kg/hr	0.02 x Wt	
(Suggested concentration for 7-12microgram/kg/hr)	All >10kg	2000mcg/ 20 mL	· · · · · · · · · · · · · · · · · · ·	0.01 x Wt	
	•	in NaCl 0.9%w/v ONLY			
Oxycodone	≤2.5kg	2.5mg/50mL	20 microgram/kg/hr	0.4 x Wt	
	>2.5 - ≤5kg	5mg/50mL		0.2 x Wt	
	>5 - ≤10kg	10mg/50mL		0.1 x Wt	
	>10 - ≤20kg	20mg/50mL		0.05 x Wt	
	>20kg	50mg/50mL		0.02 x Wt	
Phenylephrine	All ≤10kg	1mg/50mL	0.06 microgram/l/i	0.15 x Wt	
* *	•	•	0.05 microgram/kg/min	0.15 x Wt	
<u>CVAD</u> only	All >10kg	3mg/50mL		0.05 X VVI	
Propofol 1%	All	10mg/mL	2 mg/kg/hr	0.2 x Wt	
11000101170	741	(variable volume)	2 mg/kg/m	0.2 X VV	
		(variable volume)			
Remifentanil	All ≤5kg	1mg/50mL	0.1 microgram/kg/min	0.3 x Wt	
	All >5kg	2mg/50mL		0.15 x Wt	
Rocuronium	≤2.5kg	100mg/ 40 mL	300 microgram/kg/hr	0.12 x Wt	
	>2.5 - 10kg	250mg/50mL		0.06 x Wt	
	All >10kg	10mg/mL (Neat)		0.03 x Wt	
Salbutamol	All ≤10kg	10mg/50mL	ZAOloni A minus anomaliculusia	0.3 x Wt	
Weight-based	All >10kg	10mg/50mL	≤10kg: 1 microgram/kg/min	0.06 x Wt	
>20kg also offered non weight-based option below	All > Toky	Tomg/Some	>10kg:0.2 microgram/kg/min	0.00 X VVI	
220kg also offered from weight-based option below					
Salbutamol	>20kg	10mg/50mL	5 microgram/min	1.5ml/hr	
NON weight-based (Pts > 20kg)	ONLY		Sg.		
3,					
Sildenafil Load	All	10mg/50mL	0.1 mg/kg	VTBI (mL) = 0.5 x Wt	
			over 30 minutes		
e the same solution for load and maintenance infusion					
Sildenafil Maintenance	All	10mg/50mL	0.03 mg/kg/hr	0.15 x Wt	
		0 (10 1 (7 5)			
Sodium Benzoate Load	All	2g/40mL (Perfusor) or	250 mg/kg	VTBI (mL) = $5 \times Wt$	
		50mg/mL (Infusomat)			
the same solution for load and maintenance infusion		in Glucose 10%w/v ONLY			
Sodium Benzoate Maintenance	All	2g/40mL (Perfusor) or	500 mg/kg/24hours	0.417 x Wt	
		50mg/mL (Infusomat)			
		in Glucose 10%w/v ONLY	l		
Sodium Bicarbonate Continuous CVAD	All	0.2mmol/mL	None	Variable	
		(variable volume)			
Sodium Bicarbonate Continuous Peripheral	All	0.1mmol/mL	None	Variable	
		(variable volume)			
Sodium Phenylbutyrate Load	All	2g/40mL (Perfusor) or	250 mg/kg	VTBI (mL) = $5 \times Wt$	
		50mg/mL (Infusomat)			
e the same solution for load and maintenance infusion		in Glucose 10%w/v ONLY			
Sodium Phenylbutyrate Maintenance	All	2g/40mL (Perfusor) or	500 mg/kg/24hours	0.417 x Wt	
		50mg/mL (Infusomat)			
		in Glucose 10%w/v ONLY			



CONTINUOUS INFUSIONS & LOADING DOSES			Flow rate = Prescribed Dose x Default Rate (mL/hour)	
ALL CLINICAL AREAS (excluding CHI PICUs and Theatres) Default Start Dose				
Drug	Weight Band	Standard Concentration	Default Dose and Rate Calculator All Weights in kg - rounding can occur	
		Infusion (SCI)		
Codium Phoophoto CVAD	All	0.12mmol/mL	Default dose on pump	Default rate (mL/hr)
Sodium Phosphate <u>CVAD</u>	All		None	Variable
		(variable volume)		
Sodium Phosphate <u>Periphera</u> l	All	0.05mmol/mL	None	Variable
		(variable volume)		
Sodium Nitroprusside	All ≤5kg	25mg/50mL	0.5 microgram/kg/min	0.06 x Wt
	All >5kg	50mg/50mL		0.03 x Wt
		in Glucose 5%w/v ONLY		
Tranexamic Acid Continuous Dilute	All	20mg/mL	1 mg/kg/hour	0.05 x Wt
(Loading dose offered as soon as infusion has started)		(variable volume)		
Transports Asid Continuous NEAT		400		0.04
Tranexamic Acid Continuous NEAT	All	100mg/mL	1 mg/kg/hour	0.01 x Wt
(Loading dose offered as soon as infusion has started)		(variable volume)		
Vasopressin	All ≤5kg	5unit/50mL	0.5 mUnit/kg/min	0.3 x Wt
v doopi coolii	>5 - ≤10kg	20unit/50mL	(0.0005unit/kg/min)	0.075 x Wt
	All >10kg	50unit/50mL	Note:	0.03 x Wt
			1mUnit = 0.001unit	
Vecuronium	All ≤5kg	8mg/ 20 mL	50microgram/kg/hour	0.125 x Wt
CVAD (ideally)	>5 - <u><</u> 10kg	20mg/50mL		0.125 x Wt
	All >10kg	50mg/50mL		0.05 x Wt
Available on the drug library with no fixed concentration:				
Albumin 5%	Flush PICC 1Fr Line	Flush Post Dose	Flush Replogle	Flush TAT
Gelofusine 4%	Glucose 10% Bolus	Infliximab	IV Fluids incl bolus	Octoplas
Platelets	PN (formerly TPN)	Red Cells	Rituximab	Tocilizumab
Vedolizumab				

Disclaimer: Every effort has been made to ensure the information is accurate and up to date. The authors cannot accept any legal responsibility for any errors or omissions. Differences in available drug preparations, and the manner in which concentrations are expressed, can produce minor discrepancies in final concentrations and calculated flow rates. In recognition of the need to stabilise children, other settings/hospitals may refer to this table but are solely responsible for all acts or omissions carried out in connection with, or in reliance on the material provided.